STIC Search Report
Biotech-Chem Library

STIC Database Tracking Number: 178524

TO:	From:
Ralph J Gitomer **Location: REM-3D65/3C18** **Art Unit: 1655** **Thursday, February 16, 2006** **Case Serial Number: 10/620475**	**Mary Jane Ruhl** **Location: Biotech-Chem Library** **Remsen 1-A-62** **Phone: 571-272-2524** **maryjane.ruhl@uspto.gov**

Search Notes

Examiner Gitomer,

Here are the results for your recent search request.

Please feel free to contact me if you have any questions about these results.

Thank you for using STIC services. We appreciate the opportunity to serve you.

Sincerely,

Mary Jane Ruhl
Technical Information Specialist
STIC
Remsen 1-A-62
Ext. 22524

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=> d his ful

     (FILE 'HOME' ENTERED AT 17:13:18 ON 16 FEB 2006)

     FILE 'HCAPLUS' ENTERED AT 17:14:37 ON 16 FEB 2006
                E FRIESE JUDITH A/AU
L1            5 SEA ABB=ON  ("FRIESE JUDITH"/AU OR "FRIESE JUDITH A"/AU OR
                "FRIESE JUDY"/AU)
                E MATIAS MATTHEW S/AU
L2            3 SEA ABB=ON  ("MATIAS MATHEW"/AU OR "MATIAS MATTHEW S"/AU)
                E WEIGAND RAY A/AU
L3            6 SEA ABB=ON  ("WEIGAND RAY"/AU OR "WEIGAND RAY A"/AU OR
                "WEIGAND RAY ALBERT"/AU)
L4            1 SEA ABB=ON  L1 AND L2 AND L3
L5              ANALYZE L4 1-1 CT :       15 TERMS

     FILE 'REGISTRY' ENTERED AT 17:48:33 ON 16 FEB 2006
                E NATRIURETIC PEPTIDES/CN
                E NATRIURETIC PEPTIDE/CN
L6            1 SEA ABB=ON  "NATRIURETIC PEPTIDE"/CN
L7            4 SEA ABB=ON  (ACETIC ACID OR CITRIC ACID OR DIETHYLENETRIAMINEPE
                NTAACETIC ACID OR HYDROCHLORIC ACID)/CN
L8            1 SEA ABB=ON  SODIUM HYDROXIDE/CN
L9            3 SEA ABB=ON  (SERUM ALBUMIN OR SERUM ALBUMINS OR GAMMA GLOBULIN
                OR GAMMA GLOBULINS OR MILK)/CN
L10           3 SEA ABB=ON  (POLYETHYLENE GLYCOL OR DEXTRAN OR DEXTRAN SULFATE
                OR POLYVINYL PYRROLIDONE)/CN

     FILE 'HCAPLUS' ENTERED AT 17:50:47 ON 16 FEB 2006
L11         134 SEA ABB=ON  ?LIGAND?(3A)(?BIND? OR ?BOUND?) AND ?CALIBRAT?
L12          67 SEA ABB=ON  L11 AND (?PROTEIN? OR ?PEPTID?)
L13           2 SEA ABB=ON  L12 AND (L6 OR ?NATRI?(W)?PEPTID?)
L14           2 SEA ABB=ON  L12 AND ?BIOCID?
L15           4 SEA ABB=ON  L12 AND (L7 OR (?ACETIC? OR ?CITRIC? OR ?DIETHYLENE
                TRIAMINEPENTAACETIC? OR ?HYDROCHLORIC?(W)?ACID?)(W)?ACID?)
L16           4 SEA ABB=ON  L13 OR L14 OR L15
L17           0 SEA ABB=ON  L16 AND (PRD<20030716 OR PD<20030716)  0 cits beg filing priority date

     FILE 'MEDLINE, BIOSIS, EMBASE, JAPIO, JICST-EPLUS' ENTERED AT 17:54:27 ON
     16 FEB 2006
L18           3 SEA ABB=ON  L16
L19           2 DUP REMOV L18 (1 DUPLICATE REMOVED)  2 cits from above dbs

     FILE 'USPATFULL' ENTERED AT 17:56:00 ON 16 FEB 2006
L20        3304 SEA ABB=ON  L16 AND (PRD<20030716 OR PD<20030716)
L21          85 SEA ABB=ON  L20 AND ?BIOCID?
L22          65 SEA ABB=ON  L21 AND (L9 OR ?SERUM?(W)?ALBUMIN? OR ?GAMMA?(W)?GL
                OB? OR ?MILK?)
L23          64 SEA ABB=ON  L22 AND (L10 OR ?POLYMER? OR ?POLYETHYLENE?(W)?GLYC
                OL? OR ?DEXTRAN? OR ?POLYVINYL(W)?PYRROL?)
L24           0 SEA ABB=ON  L23 AND ?POLYOXYALKYLENE?(3A)?ANALYSIS?
L25           2 SEA ABB=ON  L23 AND ?POLYOXYALKYLENE?  2 cits from USPatFul

     FILE HOME

     FILE HCAPLUS

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FILE COVERS 1907 - 16 Feb 2006 VOL 144 ISS 8
FILE LAST UPDATED: 15 Feb 2006 (20060215/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE REGISTRY
Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 FEB 2006 HIGHEST RN 874270-88-9
DICTIONARY FILE UPDATES: 14 FEB 2006 HIGHEST RN 874270-88-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

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**********************************************************************
*                                                                    *
* The CA roles and document type information have been removed from  *
* the IDE default display format and the ED field has been added,    *
* effective March 20, 2005. A new display format, IDERL, is now      *
* available and contains the CA role and document type information.  *
*                                                                    *
**********************************************************************
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Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

FILE MEDLINE
FILE LAST UPDATED: 16 FEB 2006 (20060216/UP). FILE COVERS 1950 TO DATE.

On December 11, 2005, the 2006 MeSH terms were loaded.

The MEDLINE reload for 2006 will soon be available. For details on the 2005 reload, enter HELP RLOAD at an arrow promt (=>). See also:

http://www.nlm.nih.gov/mesh/
http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html

http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_med_data_changes.html
http://www.nlm.nih.gov/pubs/techbull/nd05/nd05_2006_MeSH.html

OLDMEDLINE is covered back to 1950.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2006 vocabulary.

This file contains CAS Registry Numbers for easy and accurate

FILE BIOSIS
FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 15 February 2006 (20060215/ED)

FILE EMBASE
FILE COVERS 1974 TO 9 Feb 2006 (20060209/ED)

EMBASE has been reloaded. Enter HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE JAPIO
FILE COVERS APR 1973 TO OCTOBER 27, 2005

>>> GRAPHIC IMAGES AVAILABLE <<<

>>> NEW IPC8 DATA AND FUNCTIONALITY NOT YET AVAILABLE IN THIS FILE. USE IPC7 FORMAT FOR SEARCHING THE IPC. WATCH THIS SPACE FOR FURTHER DEVELOPMENTS AND SEE OUR NEWS SECTION FOR FURTHER INFORMATION ABOUT THE IPC REFORM <<<

FILE JICST-EPLUS
FILE COVERS 1985 TO 14 FEB 2006 (20060214/ED)

THE JICST-EPLUS FILE HAS BEEN RELOADED TO REFLECT THE 1999 CONTROLLED TERM (/CT) THESAURUS RELOAD.

FILE USPATFULL
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 16 Feb 2006 (20060216/PD)
FILE LAST UPDATED: 16 Feb 2006 (20060216/ED)
HIGHEST GRANTED PATENT NUMBER: US7000250
HIGHEST APPLICATION PUBLICATION NUMBER: US2006037120
CA INDEXING IS CURRENT THROUGH 14 Feb 2006 (20060214/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 16 Feb 2006 (20060216/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2005
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2005

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=> d que stat l19
L6            1 SEA FILE=REGISTRY ABB=ON  "NATRIURETIC PEPTIDE"/CN
L7            4 SEA FILE=REGISTRY ABB=ON  (ACETIC ACID OR CITRIC ACID OR
                DIETHYLENETRIAMINEPENTAACETIC ACID OR HYDROCHLORIC ACID)/CN
L11         134 SEA FILE=HCAPLUS ABB=ON  ?LIGAND?(3A)(?BIND? OR ?BOUND?) AND
                ?CALIBRAT?
L12          67 SEA FILE=HCAPLUS ABB=ON  L11 AND (?PROTEIN? OR ?PEPTID?)
L13           2 SEA FILE=HCAPLUS ABB=ON  L12 AND (L6 OR ?NATRI?(W)?PEPTID?)
L14           2 SEA FILE=HCAPLUS ABB=ON  L12 AND ?BIOCID?
L15           4 SEA FILE=HCAPLUS ABB=ON  L12 AND (L7 OR (?ACETIC? OR ?CITRIC?
                OR ?DIETHYLENETRIAMINEPENTAACETIC? OR ?HYDROCHLORIC?(W)?ACID?)(
                W)?ACID?)
L16           4 SEA FILE=HCAPLUS ABB=ON  L13 OR L14 OR L15
L18           3 SEA L16
L19           2 DUP REMOV L18 (1 DUPLICATE REMOVED)

=> d ibib abs l19 1-2

L19  ANSWER 1 OF 2     MEDLINE on STN                    DUPLICATE 1
ACCESSION NUMBER:    2005273433     MEDLINE
DOCUMENT NUMBER:     PubMed ID: 15916113
TITLE:               Comparison of colorimetry and electrothermal atomic
                     absorption spectroscopy for the quantification of
                     non-transferrin bound iron in human sera.
AUTHOR:              Jittangprasert Piyada; Wilairat Prapin; Pootrakul Pensri
CORPORATE SOURCE:    Department of Chemistry, Faculty of Science, Mahidol
                     University, Bangkok, Thailand.
SOURCE:              Southeast Asian journal of tropical medicine and public
                     health, (2004 Dec) 35 (4) 1039-44.
                     Journal code: 0266303. ISSN: 0125-1562.
PUB. COUNTRY:        Thailand
DOCUMENT TYPE:       Journal; Article; (JOURNAL ARTICLE)
LANGUAGE:            English
FILE SEGMENT:        Priority Journals
ENTRY MONTH:         200506
ENTRY DATE:          Entered STN: 20050527
                     Last Updated on STN: 20050603
                     Entered Medline: 20050602
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AB This paper describes a comparison of two analytical techniques, one employing bathophenanthrolinedisulfonate (BPT), a most commonly-used reagent for Fe (II) determination, as chromogen and an electrothermal atomic absorption spectroscopy (ETAAS) for the quantification of non-transferrin bound iron (NTBI) in sera from thalassemic patients. **Nitrilotriacetic acid** (NTA) was employed as the **ligand** for **binding** iron from low molecular weight iron complexes present in the serum but without removing iron from the transferrin **protein**. After ultrafiltration the Fe (III)-NTA complex was then quantified by both methods. Kinetic study of the rate of the Fe (II)-BPT complex formation for various excess amounts of NTA ligand was also carried out. The kinetic data show that a minimum time duration (> 60 minutes) is necessary for complete complex formation when large excess of NTA is used. **Calibration** curves given by colorimetric and ETAAS methods were linear over the range of 0.15-20 microM iron (III). The colorimetric and ETAAS methods exhibited detection limit (3sigma) of 0.13 and 0.14 microM, respectively. The NTBI concentrations from 55 thalassemic serum samples measured employing BPT as chromogen were statistically compared with the results determined by ETAAS. No significant disagreement at 95% confidence level was observed. It is, therefore, possible to select any one of these two techniques for determination of NTBI in serum samples of thalassemic patients. However,

the colorimetric procedure requires a longer analysis time because of a slow rate of exchange of NTA ligand with BPT, leading to the slow rate of formation of the colored complex.

L19 ANSWER 2 OF 2 MEDLINE on STN
ACCESSION NUMBER: 2000166781 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10704015
TITLE: Monitoring in vitro experiments using microdialysis sampling on-line with mass spectrometry.
AUTHOR: Kerns E H; Volk K J; Klohr S E; Lee M S
CORPORATE SOURCE: Bristol-Myers Squibb Pharmaceutical Research Institute, Wallingford, CT 06492, USA.
SOURCE: Journal of pharmaceutical and biomedical analysis, (1999 Jun) 20 (1-2) 115-28.
Journal code: 8309336. ISSN: 0731-7085.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200004
ENTRY DATE: Entered STN: 20000413
Last Updated on STN: 20000413
Entered Medline: 20000404

AB A method has been developed for the real-time analysis of components in in vitro reactions by the on-line combination of microdialysis sampling (MD) with tandem mass spectrometry (MS/MS) and single stage mass spectrometry (MS). Apparatus and parameters associated with the integration have been studied. Analytical figures of merit for the drug gepirone have been determined. The qualitative 'limit of identification' was found to be 100 ng/ml and 200 ng/ml for methods using thermospray and electrospray MS interfaces, respectively. Using this approach, monitoring of in vitro experiments involving drug metabolites, enzymatic reactions, and **ligand-protein binding** interactions were performed.

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=> □

=> d que stat l25
L6             1 SEA FILE=REGISTRY ABB=ON  "NATRIURETIC PEPTIDE"/CN
L7             4 SEA FILE=REGISTRY ABB=ON  (ACETIC ACID OR CITRIC ACID OR
                 DIETHYLENETRIAMINEPENTAACETIC ACID OR HYDROCHLORIC ACID)/CN
L9             3 SEA FILE=REGISTRY ABB=ON  (SERUM ALBUMIN OR SERUM ALBUMINS OR
                 GAMMA GLOBULIN OR GAMMA GLOBULINS OR MILK)/CN
L10            3 SEA FILE=REGISTRY ABB=ON  (POLYETHYLENE GLYCOL OR DEXTRAN OR
                 DEXTRAN SULFATE OR POLYVINYL PYRROLIDONE)/CN
L11          134 SEA FILE=HCAPLUS ABB=ON  ?LIGAND?(3A)(?BIND? OR ?BOUND?) AND
                 ?CALIBRAT?
L12           67 SEA FILE=HCAPLUS ABB=ON  L11 AND (?PROTEIN? OR ?PEPTID?)
L13            2 SEA FILE=HCAPLUS ABB=ON  L12 AND (L6 OR ?NATRI?(W)?PEPTID?)
L14            2 SEA FILE=HCAPLUS ABB=ON  L12 AND ?BIOCID?
L15            4 SEA FILE=HCAPLUS ABB=ON  L12 AND (L7 OR (?ACETIC? OR ?CITRIC?
                 OR ?DIETHYLENETRIAMINEPENTAACETIC? OR ?HYDROCHLORIC?(W)?ACID?)(
                 W)?ACID?)
L16            4 SEA FILE=HCAPLUS ABB=ON  L13 OR L14 OR L15
L20         3304 SEA FILE=USPATFULL ABB=ON  L16 AND (PRD<20030716 OR PD<20030716
                 )
L21           85 SEA FILE=USPATFULL ABB=ON  L20 AND ?BIOCID?
L22           65 SEA FILE=USPATFULL ABB=ON  L21 AND (L9 OR ?SERUM?(W)?ALBUMIN?
                 OR ?GAMMA?(W)?GLOB? OR ?MILK?)
L23           64 SEA FILE=USPATFULL ABB=ON  L22 AND (L10 OR ?POLYMER? OR
                 ?POLYETHYLENE?(W)?GLYCOL? OR ?DEXTRAN? OR ?POLYVINYL(W)?PYRROL?
                 )
L25            2 SEA FILE=USPATFULL ABB=ON  L23 AND ?POLYOXYALKYLENE?


=> d ibib abs l25 1-2

L25  ANSWER 1 OF 2  USPATFULL on STN
ACCESSION NUMBER:        1998:147065  USPATFULL
TITLE:                   Loading of biologically active solutes into
                         polymer gels
INVENTOR(S):             Roos, Eric J., 1 Barbara Jean St., Grafton, MA, United
                         States  01519
                         Schiller, Matthew E., 23C Sagamore Way, Waltham, MA,
                         United States  02154

                              NUMBER        KIND    DATE
                         --------------- ------ --------
PATENT INFORMATION:      US 5840338               19981124          <--
APPLICATION INFO.:       US 1995-556130           19951106  (8)
RELATED APPLN. INFO.:    Continuation-in-part of Ser. No. US 1994-276462, filed
                         on 18 Jul 1994, now patented, Pat. No. US 5603955 And a
                         continuation-in-part of Ser. No. US 1994-276193, filed
                         on 18 Jul 1994
DOCUMENT TYPE:           Utility
FILE SEGMENT:            Granted
PRIMARY EXAMINER:        Webman, Edward J.
LEGAL REPRESENTATIVE:    Choate, Hall& Stewart
NUMBER OF CLAIMS:        29
EXEMPLARY CLAIM:         1
NUMBER OF DRAWINGS:      25 Drawing Figure(s); 12 Drawing Page(s)
LINE COUNT:              4589
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB     Polymer gel networks loaded with biologically active solutes
```

in a manner that solute activity is maintained and protected from thermal and/or chemical degradation while in the gel network are provided. The invention also provides for effects of modulating parameters for loading safe responsive gel networks using loading solutions containing phase separating **polymers**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER:	84:25941 USPATFULL
TITLE:	Single test formulations for enzyme immunoassays and method for preparation
INVENTOR(S):	Monte, Alex A., Cupertino, CA, United States Centofanti, Joan G., San Carlos, CA, United States
PATENT ASSIGNEE(S):	Syva Company, Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4447527		19840508	<--
APPLICATION INFO.:	US 1982-350897		19820222 (6)	
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1980-183131, filed on 2 Sep 1980, now abandoned			
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Marantz, Sidney			
LEGAL REPRESENTATIVE:	Rowland, Bertram I.			
NUMBER OF CLAIMS:	9			
EXEMPLARY CLAIM:	1,9			
LINE COUNT:	565			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Reagent mixtures for single test which allow for rapid determination of drugs without sophisticated equipment. Into a single vial as dry powders are combined an enzyme **bound ligand** reagent, an **antiligand** reagent (antibody), appropriate substrates, bulking agents, as well as other additives. Upon addition to the reagent mixture of an appropriate volume of diluent and the sample suspected of containing the drug, optionally subject to prior treatment and/or dilution, the reagents are activated and either a single reading at a predetermined time interval or two or more readings over a predetermined time interval are taken of spectrophotometric changes in the solution. By comparison to a standard, the concentration of the drug may be determined quantitatively.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d ibib abs ind l4 1-1

L4 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:58110 HCAPLUS
DOCUMENT NUMBER: 142:107816
TITLE: Stable calibrators or controls for measuring human natriuretic peptides
INVENTOR(S): **Friese, Judith A.; Matias, Matthew S.; Weigand, Ray A.**
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 24 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005014287	A1	20050120	US 2003-620475	20030716
US 2005014289	A1	20050120	US 2003-721031	20031124
WO 2005008253	A2	20050127	WO 2004-US22866	20040715
WO 2005008253	A3	20050616		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2006029982	A1	20060209	US 2005-248650	20051012
PRIORITY APPLN. INFO.:			US 2003-620475	A2 20030716
			US 2003-721031	A 20031124

AB The present invention relates to stable calibrators and controls that can be used in ligand-binding assays and methods for making said calibrators and controls. Stable liquid calibrators as well as a method of making them are claimed.

IC ICM G01N033-53
ICS G01N033-543
INCL 436518000
CC 2-1 (Mammalian Hormones)
ST stable liq calibrator natriuretic peptide binding assay
IT Biocides
Buffers
Stabilizing agents
(in calibrator; stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)
IT Acids, analysis
Bases, analysis
RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(in calibrator; stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)
IT Polymers, analysis
Proteins
RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(natriuretic stabilizer; stable liquid calibrators or controls for

measuring human natriuretic peptide binding assays)

IT Milk
(nonfat powdered milk as natriuretic peptide stabilizer; stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)

IT Stability
(of calibrators; stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)

IT Albumins, analysis
RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(serum, bovine, as natriuretic peptide stabilizer; stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)

IT Calibration
Human
Immunoassay
(stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)

IT Polyoxyalkylenes, analysis
RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)

IT Globulins, analysis
RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(γ-globulin, bovine, as natriuretic peptide stabilizer; stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)

IT 64-19-7, Acetic acid, analysis 67-43-6, Diethylenetriaminepentaacetic acid 77-92-9, Citric acid, analysis 7647-01-0, Hydrochloric acid, analysis
RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(acid in calibrator; stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)

IT 9003-39-8, Polyvinylpyrrolidone 9004-54-0, Dextran, analysis 9042-14-2, Dextran sulfate 25322-68-3, Polyethylene glycol
RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(as natriuretic peptide stabilizer; stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)

IT 1310-73-2, Sodium hydroxide, analysis
RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(base in calibrator; stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)

IT 71-50-1, Acetate, analysis 126-44-3, Citrate, analysis 14265-44-2, Phosphate, analysis
RL: ARU (Analytical role, unclassified); ANST (Analytical study)
(buffer in calibrator; stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)

IT 91917-63-4, Atrial natriuretic peptide (human) 114471-18-0, Brain natriuretic peptide 124584-08-3, Brain natriuretic peptide-32 (human) 127869-51-6, Human C-Type natriuretic peptide 143863-92-7, Dendroaspis natriuretic peptide
RL: ANT (Analyte); ANST (Analytical study)
(stable liquid calibrators or controls for measuring human natriuretic peptide binding assays)